

**Amendments to the Specification:**

Please replace paragraph [0045] with the following rewritten paragraph:

**[0045]** In step S460 spreading activation according to the following formulas (1-2) is applied to generate initial document vector A.

$$A(1) = \text{ALPHA} * \text{Topology-Matrix } \underline{W} * E \quad (1)$$

$$A(t) = \text{ALPHA} * \text{Topology-Matrix } \underline{W} * A(t-1) + E \quad (2)$$

The formula is applied t number of times where the matrix W reflects the weighted content matrix and vector E reflects the relevant document path. The value ALPHA reflects the probability a user will click through to a document or web page and therefore ranges between 0 and 1. Control then may continue to optional step S470, or may in alternative embodiments according to this invention, continue to step S480.